Feb. 19, 1924. 1,484,178

J. N. LAGASSE ET AL

ANTISLIPPING MEANS FOR SHOES

Filed Aug. 9, 1922

Fig. 1.

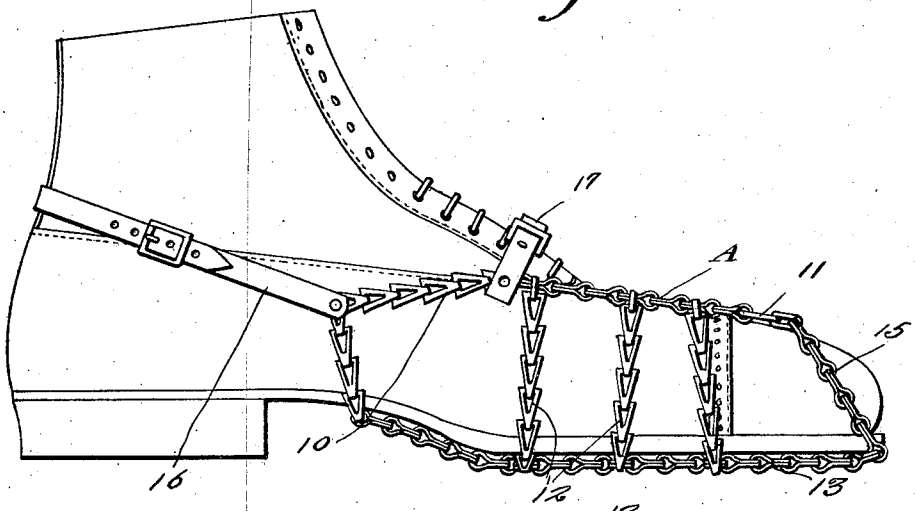


Fig. 2.

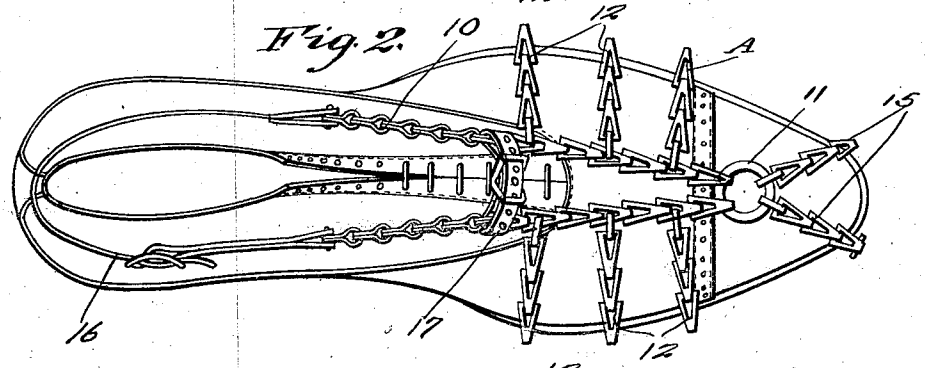
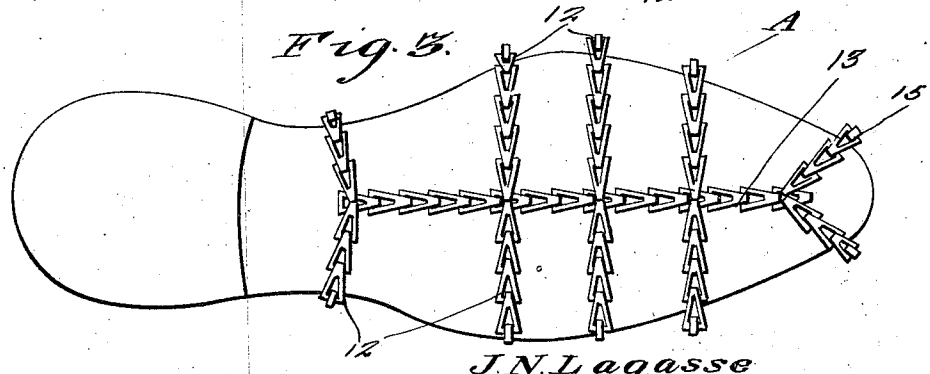


Fig. 3.



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WITNESS:

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UNITED STATES PATENT OFFICE.

JOSEPH N. LAGASSE AND MARTIN L. CUMMINGS, OF HYNER, PENNSYLVANIA.

ANTISLIPPING MEANS FOR SHOES.

Application filed August 9, 1922. Serial No. 580,803.

To all whom it may concern:

Be it known that we, JOSEPH N. LAGASSE and MARTIN L. CUMMINGS, citizens of the United States, residing at Hyner, in the county of Clinton and State of Pennsylvania, have invented new and useful Improvements in Antislipping Means for Shoes, of which the following is a specification.

This invention contemplates the provision of a shoe attachment, in the nature of a device adapted to be associated with the shoe to prevent the feet of the user from slipping when walking on ice or other slippery surfaces, and is particularly useful to fisherman, hunters, campers and the like.

More specifically stated, the invention provides a plurality of chains arranged to surround the sole of the shoe in a manner to cover the latter in a way to prevent slipping, the chains being secured to the shoe in a manner to permit the device to be easily associated with the shoe or removed from the same as the occasion may require.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawing, the invention residing in the construction, combination, and arrangement of parts as claimed.

In the drawing forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:—

Figure 1 is a view of a shoe showing the latter provided with the attachment forming the subject matter of the invention.

Figure 2 is a perspective view of the attachment removed.

Figure 3 is a bottom plan view of a shoe showing the attachment associated therewith.

Referring to the drawing in detail, A indicates generally the attachment forming the subject matter of the invention, and which attachment is preferably made up of a plurality of short chains arranged to accommodate a shoe in the manner illustrated in Figure 1. The device essentially consists of a chain 10, which is adapted to be extended across the instep of the shoe, with the terminals of the chain arranged at both sides of the upper of the shoe converging toward the toe portion thereof, and which terminals are connected with a link 11. The side members of this chain which are arranged on the upper of the shoe and connected by a plurality of transverse chains 12, the latter being extended across the sole of the shoe, and having their ends connected with the side members of the chains 10 in the manner illustrated.

The transverse chains 12 are connected with a single chain 13 arranged longitudinally of the sole, and which chain 13 has one end connected with the intermediate portion of the chain 10 arranged under the instep. The forward end of this chain 13 is connected with the intermediate portion of a short chain 15 at a point under the sole of the shoe, the short chain 15 being extended over the toe portion of the shoe and has its terminals suitably connected with the link 11. This arrangement of chains provides an anti-slipping device which can be conveniently placed upon the shoe or removed therefrom as the occasion requires, and when associated with the shoe, the side portions of the chain 10 are connected with a strip 16 which extends about the heel portion of the shoe, and utilized to hold the attachment in position for use. The side portion of the main chain 10 is also secured together by means of a transverse strip 17, which is arranged on top of the shoe. It is only necessary to loosen the straps referred to and slip the device off the end of the shoe when desired to remove the attachment.

While it is believed that from the foregoing description, the nature and advantages of the invention will be readily apparent, we desire to have it understood that we do not limit ourselves to what is herein shown and described, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What we claim is:

Antislipping means for shoes including a chain having its intermediate portion arranged transversely under the instep of the shoe, and extending upwardly along the sides of the shoe, and thence extended forwardly toward the tip to provide convergently disposed portions, an additional chain arranged beneath the sole of the shoe along the longitudinal center thereof and having one end secured to the intermediate portion of the first mentioned chain, a plurality of transverse chains having their corresponding extremities secured to the sec-

ond mentioned chain beneath the sole of the shoe, and arranged to embrace the sides of the shoe and having their other ends secured to the convergently disposed portions of the first mentioned chain, and a pair of short chains extending from the forward end of the second mentioned chain over the tip of the shoe and connected to the adjacent terminals of the first mentioned chain, and a strap adapted to embrace the heel portion of the shoe and having its ends connected with the vertical portions of the first mentioned chain whereby the attachment is secured to the shoe.

In testimony whereof we affix our signatures.

JOSEPH N. LAGASSE.
MARTIN L. CUMMINGS.